

SARL NEWS SUNDAY 21 June 2009

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Your news reader this morning is (name), (call sign), on 145,725 and 7,066 MHz
from Pretoria, with relays on 28,325, 14,235, 10,130, 7,066 and 3,695 MHz SSB,
as well as 52,750, 438,825 and 1 296 MHz FM in the Pretoria area. (Other
newsreaders please change to suit).

In the news today

YOUTH SPRINT A GREAT SUCCESS

WANT TO KNOW SOMETHING ABOUT AMATEUR RADIO TECHNOL-
OGY?

ANNUAL SUBSCRIPTIONS

MYSTERY OF THE MISSING SUNSPOTS

You are listening to ZS6SRL. Stay tuned for more detail on these and other
important and interesting news items.

YOUTH SPRINT A GREAT SUCCESS

The Youth Day Sprint was a great success. Extending the period to two hours compared to last

WANT TO KNOW SOMETHING ABOUT AMATEUR RADIO TECHNOL-
OGY?

If you have a technical or an operating question about amateur radio send an email to elmer@sarl.org.za

ANNUAL SUBSCRIPTIONS

Subscription invoices were sent by email a few weeks ago. Subscriptions are due on 30th June
If you are not a member of the SARL yet, consider joining now. It is so much better to be pa
Visit www.sarl.org.za for subscription details and application forms.

MYSTERY OF THE MISSING SUNSPOTS

The sun is in the pits of a century-class solar minimum, and sunspots have been puzzlingly s
At an American Astronomical Society press conference on 17 June in Boulder, Colorado, resear

Rachel Howe and Frank Hill of the National Solar Observatory (NSO) in Tucson,
Arizona, used a technique called helioseismology to detect and track the jet
stream down to depths of 7 000 km below the surface of the sun. The sun
generates new jet streams near its poles every 11 years, they explained. The
streams migrate slowly from the poles to the equator and when a jet stream
reaches the critical latitude of 22 degrees, new-cycle sunspots begin to appear.
Read more on www.sarl.org.za

CONTEST NEWS

The results of the AWA SSB Valve QSO Party posted last week were incorrect. The following an

1st Place Jan, ZS4JAN, 282 Points; 2nd Place Rad, ZS6RAD, 276 Points; 3rd Place Theunis, ZS2EC, 80 Points. Apologies for any inconvenience caused. The AM results were correct as posted.

UPDATED SARL DIGITAL PSK CONTEST RULES

The SARL Digital takes place on the 28th June. Please take notice of the following updates to the rules. Note the operating DIAL frequency per band.

Your choice of power, QRO / QRP, must be used on all bands. The station with the highest score, regardless of category, will receive a certificate sponsored by LARK, the Lichtenburg Amateur Radio Club.

1. Aim: To establish as many contacts as possible between Radio amateurs in Southern Africa using the PSK mode. The contest is open to all licensed amateurs in South Africa, Namibia, Botswana, Lesotho, Swaziland, Angola, Zimbabwe, Malawi, Mozambique, Zambia, Madagascar, St Helena Island, Tristan da Cunha and Gough, Marion and Prince Edward Islands, South African Antarctica, Mayotte Island, Comoro islands, Reunion and Mauritius Islands and their associated islands.
2. Date And Time The last Sunday of June [28 June 2009] from 13:00 UTC to 16:00 UTC [15:00 to 18:00 CAT].
3. Bands (All USB) HF 80 m [3,580 MHz]; 40 m [7.035 MHz]; 20 m [14,070 MHz]. VHF (Horizontally polarised); 6 m [50,250 MHz]; 2 m [144,250 MHz]. UHF (Horizontally polarised); 70 cm [432,088 MHz].
4. Categories SOSB-HP: Single operator, Single Band, High Power. Those stations at which one performs all of the operating, logging and spotting functions. The output power shall not exceed 100 W. SOAB-HP: Single Operator, All Bands, High Power. Those stations at which one performs all of the operating, logging and spotting functions. Only one signal is allowed at any one time. The operator may change bands at any time. The output power shall not exceed 100 W. SOSB-LP: Single operator, Single Band, Low Power. Those stations at which one performs all of the operating, logging and spotting functions. The output power shall not exceed 5 W. SOAB-LP: Single Operator, All Bands, Low Power. Those stations at which one performs all of the operating, logging and spotting functions. Only one signal is allowed at any one time. The operator may change bands at any time. The output power shall not exceed 5 W. Short Wave Listener (SWL)
5. Exchange NAME plus GRID SQUARE (6 Characters, eg KG33bu).
6. Points Bands Score = (Number of QSO's) X (Number of Pre-fixes); Total Score = (80 m score) + (40 m score) + (20 m score) + (VHF/UHF score).
7. Multiplier Power multiplier (5 for < 5 W) (1 for 5 W and more).
8. Scoring The final score is the result of the total QSO points ("Total score") multiplied by 5 if QRP (< 5W).
9. Sponsor Lichtenburg ARC, PO Box 410, Lichtenburg, 2740. E-mail: zs6bne@nwinternet.za.org.
10. Closing date for log submission: 13 July 2009.

PROPAGATION REPORT

Hannes Coetzee, ZS6BZP, reports that the expected solar activity will be very low. The geomagnetic index is low. With the winter here less energy from the sun is reaching the Southern ionosphere and it is quiet. The 10 MHz band is looking promising late afternoon and after dark for the CW and digital enthusiasts.

Local conditions are going to be good on 40 m during the day time. 80 m may perform well during the evenings. 80 m is the frequency of choice in the evenings. Unfortunately the static noise levels are still high. Some exciting news is that the Northern California DX Foundation international beacon network is starting. Remember that this is only a prediction and that HF has the capability to pleasantly surprise. Please visit www.spaceweather.co.za for further information.

DIARY OF EVENTS

21 June End of 160 m QSO party; 17 to 21 June SARL 160 m-QSO-party; 27 June - Magalies Radio Amateur Club flea market, phone Thomas, at 082 802 8878 for reservation of a table at R20 each; 28 June Digital competition and Intechnet; 13 July Closing date for submission of logs for the SARL Digital Contest.

SARL News invites clubs and individuals to submit news items of interest to radio amateurs and the public. The SARL also invites you to listen to the Amateur Radio Mirror International programme every week. You have listened to a bulletin of the South African Radio League, compiled by George, ZS6N. Thank you for listening, 73.

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